

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

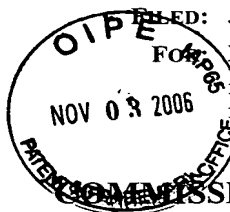
IN RE APPLICATION OF: **YOSHIHIRO HAMAKAWA ET AL**

SERIAL NO.: 10/606,900

GROUP ART UNIT: 1722

EXAMINER: G.N. Rao

ATTY. REFERENCE: HAMA3002D/BEU



FILED: June 27, 2003

PHOTOVOLTAIC APPARATUS AND MASS-  
PRODUCING APPARATUS FOR MASS-  
PRODUCING SPHERICAL SEMICONDUCTOR  
ARTICLES

**COMMISSIONER OF PATENTS**

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a communication/amendment in the above-identified application.

- ☐ Small entity status under 37 CFR 1.9 and 1.27 is claimed.
- ☐ No additional fee is required.

The fee, if any, has been calculated as shown below:

Fee Basis	Number of Claims After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity	Full Fee
Total Claims		- <sup>1</sup>	= <sup>3</sup>	× \$ 25 =	× \$ 50 =
Independent Claims		- <sup>2</sup>	= <sup>3</sup>	× \$100 =	× \$ 200 =
<input type="checkbox"/> First Presentation of Proper Multiple Dependent Claim				+ \$180 =	+ \$360 =
<b>TOTAL</b>					

<sup>1</sup> If less than 20 enter 20.

<sup>2</sup> If less than 3 enter 3.

<sup>3</sup> If less than 0 enter 0.

- ☐ Please charge my **Deposit Account Number 02-0200** in the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is attached.
- ☒ A check in the amount of **\$130** is attached.
- ☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees due under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to **Deposit Account Number 02-0200**. A duplicate copy of this sheet is attached.
- ☒ Also enclosed is/are: **REQUEST TO DELETE INVENTOR DUE TO CANCELLATION OF CLAIMS W/FEE**

23364

Customer Number  
Phone: (703) 683-0500

DATE: November 3, 2006

Respectfully submitted,

*Richard E. Fichter*

Richard E. Fichter  
Attorney for Applicant  
Registration Number: 26,382



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In U.S. Patent Application of:	)	Group Art Unit: 1722
Yoshihiro HAMAKAWA <i>et al.</i>	)	Examiner: G. N. Rao
Serial Number: 10/606,900	)	<i>Attorney Docket:</i> HAMA3002/BEU
Filed: June 27, 2003	)	<u>Confirmation No.:</u> 5027

For: Photovoltaic Apparatus And Mass-Producing Apparatus For Mass-Producing Spherical Semiconductor Particles

RESPONSE TO RESTRICTION REQUIREMENT

Honorable Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

This paper is in response to the Official Action dated October 3, 2006.

Amendments to the claims begin on page 2.

Remarks, including an election of claims, begin on page 9.